

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): A keypad comprising:

a display apparatus having a display surface and a display perimeter surrounding the display surface;

a sidewall positioned along at least a portion of the display perimeter, the sidewall extending above the display surface to a sidewall pivot line;

a key actuator having a short arm and a long arm, wherein the key actuator contacts the sidewall pivot line, thereby allowing the key actuator to rotate about the sidewall pivot line; and

a switch positioned adjacent the key actuator short arm, such that when a force is applied to move the key actuator long arm toward the display, the key actuator rotates about the sidewall pivot line and the key actuator short arm engages the switch.

Claim 2 (original): The keypad of claim 1, wherein the key actuator is positioned such that at least a portion of the display surface is viewable through the key actuator.

Claim 3 (original): The keypad of claim 1, wherein the switch forms a portion of a flexible membrane assembly mounted adjacent to the display, the flexible membrane assembly having a plurality of conductive circuit paths formed thereon.

Claim 4 (original): The keypad of claim 1, wherein the display apparatus comprises a plurality of selectable pixels, and wherein the pixels have a contrast ratio of greater than approximately 2 when the display is viewed from a viewing elevation angle of less than approximately 55°.

Claim 5 (original): The keypad of claim 1, wherein the display apparatus comprises a plurality of selectable pixels, and wherein the pixels have a contrast ratio of greater than approximately 5 when the display surface is viewed from a viewing elevation angle of approximately 0° and from a lateral viewing offset of approximately 0° .

Claim 6 (original): The keypad of claim 1, wherein the display apparatus comprises a plurality of selectable pixels, and wherein the pixels have a contrast ratio of greater than approximately 2 when the display surface is viewed from a lateral viewing offset of approximately 90° .

Claim 7 (original): The keypad of claim 1, further comprising a backlight configured to provide display illumination.

Claim 8 (original): The keypad of claim 1, further comprising a backlight configured to provide display illumination, wherein the backlight comprises a light emitting diode.

Claim 9 (original): The keypad of claim 1, further comprising:
a backlight configured to generate illumination; and
a reflector configured to reflect light generated by the backlight onto a liquid crystal display.

Claim 10 (original): The keypad of claim 1, wherein the display apparatus includes a color display.

Claim 11 (original): The keypad of claim 1, wherein the display apparatus includes a monochrome display.

Claim 12 (original): The keypad of claim 1, wherein the switch is configured to create an audible indicator when the key actuator short arm engages the switch.

Claim 13 (original): The keypad of claim 1, wherein the switch comprises a depressible dome switch that generates an electrical signal when the key actuator short arm engages the switch.

Claim 14 (original): The keypad of claim 1, wherein the key actuator is substantially transparent.

Claim 15 (original): The keypad of claim 1, wherein the key actuator has an L-shape, such that the key actuator short arm and the key actuator long arm are substantially perpendicular to each other.

Claim 16 (original): The keypad of claim 1, wherein the display apparatus includes a liquid crystal display.

Claim 17 (original): The keypad of claim 1, wherein the display apparatus comprises an emissive display.

Claim 18 (original): The keypad of claim 1, further comprising a processor, wherein the switch provides an input signal to the processor when the key actuator short arm engages the switch, and wherein the processor provides display data to the display apparatus.

Claim 19 (original): The keypad of claim 1, further comprising a processor, wherein:

the switch provides an input signal to the processor when the key actuator short arm engages the switch;

the processor provides display data to the display apparatus; and

Application Number **10/720,981**
Amendment dated **14 December 2007**
Reply to Office Action of **15 June 2007**

the display data comprises information associated with a function to be performed by the processor upon receipt of the input signal.

Claims 20–65 (cancelled).